Amendments to the Specification:

Please replace the paragraph beginning on Page 4, at line 11 with the following amended paragraph:

Figure 3 shows that the bio-filter pad 2 has a topside 17 formed with a resiliently elastic restraining member 18 for intimately mechanically coupling the transducer 3 to the bio-filter pad 2 on its being slided thereunder, and an underside 19 with a peal-off protective liner 21 for exposing an adhesive surface 22 enabling the removable intimate adhesion of the bio-filter pad 2 to an expectant mother's abdomen. The bio-filter pad 2 is preferably circular with a diameter within the range of about 10 cm to about 25 cm, and has a thickness within the range of about 1 mm to about 5 mm. The bio-filter pad 2 has a viscoelastic ~~vascoelastic~~ interior 23 with concentric sections for focusing mechanical energy imparted thereto arising from abdominal movements towards the transducer 3 for enabling detection of most if not all fetal activity and not just limb movements directed towards the transducer 3 (see Figure 4). The viscoelastic interior 23 may be constituted by a solid material, a gel like material, a fluid material, or a combination thereof. The bio-filter pad 2 has a 12 Hz mechanical resonance frequency for physically amplifying displacements within the natural frequency fetal activity signature (see Figure 5), as does the transducer 3. The mechanical resonance

frequencies of the bio-filter pad 2 and the transducer 3 can be tested by knocking on them. The mechanical coupling between the bio-filter pad 2 and the transducer 3 are such that they yield from about 20 to about 50 physical amplification of an abdominal displacement, thereby accentuating a natural fetal activity frequency signature.